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OFFICE OF
WATER

Mail to: SD DANR, Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>2851-2</u> Hydrologic Unit <u>10150004</u> Basin <u>Niobrara Trib</u> Newspaper <u>Todd County Tribune, Mission (Wed)</u> <u>Rapid City Journal</u> (office use only) <u>856-4469</u>
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Application for Permit to Appropriate Water for Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

- operator: Scott Assman
605 828-0352
- Name to Appear on Irrigation Permit Jack Vanderwey
Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.
Mailing Address 29962 270th Ave Valentine NE 69201
(Address) (City) (State) (Zip Code)
Phone 402-322-3384 Mobile 605-429-3256 Email acbison@yahoo.com
 - Amount of water claimed 1.78 *CFS or 800 **GPM ***AF Total Acreage 135
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)
 - Source of water supply Ground water (Oglala Sand Aquifer)
 - Location of point of diversion 2 wells in SW 1/4 section 23-36N-29W
(example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)
County Todd
 - County or counties where water will be used Todd
 - Annual period during which water is to be used Irrigation Season April 1 - September 30
 - List below each forty-acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW 1/4 section 23-36N-29W	135		

8. Give a description of the project. (Attach sheet if more space is needed)

I want to develop this land for center pivot irrigation.

I, Jack Vanderwey Owner, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable)

☒ Drilling new well(s) ☐ Using existing well(s)

- a) If new wells, how many 2 Have test holes been drilled? ☐ Yes ☐ No Drilled by test to be drilled in Nov
(if yes, please provide copies of logs)
- b) If existing wells, how many _____ Provide copy of log(s), if available. Drilled by _____

For either existing or proposed wells:

- c) Well Depth (required) 240 ft Depth to Top of Water Bearing Material 100 Depth to Water from Surface 60 ft
- d) Distance to nearest domestic well on applicant's property N/A Property owned by others N/A

2. Wastewater Disposal System Information

- a) Type of System (i.e. septic tank, drain field) none
- b) System Capacity (gallons) _____ Year Constructed _____
- c) Connected to the City of _____ Sanitary System

3. Dugout Information

- a) Surface Dimensions none Depth _____
- b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

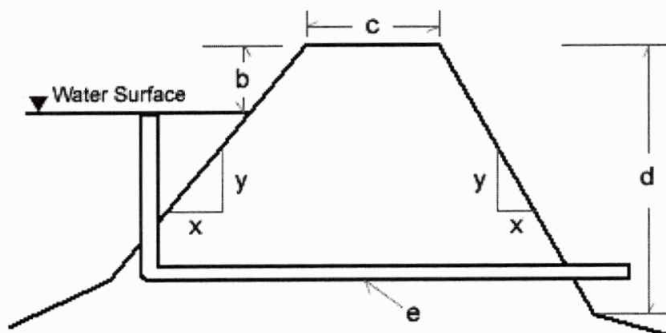
If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

- a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

- b) Freeboard _____
- c) Crest Width _____
Crest Length _____
- d) Height _____
- e) Primary Outlet Capacity _____

If pipe, diameter _____

- f) Secondary Spillway Capacity _____
Spillway Width _____
- g) X & Y Slope (e.g. 3 to 1 is a typical slope)
Upstream _____
Downstream _____
- h) Area of Impoundment _____
- i) Storage _____ Acre Feet
- j) Drainage Area Above Dam _____ Acres



036N029W14

Tree Buffer

Tree Buffer

Tree Buffer

Todd

036N029W23

Tree Buffer

X - Location of
1st Test Well

X - Location of
2nd Test Well

Duff T ALU

County Rd.

036N029W26

Section Line